



# Cisco

## 300-170 Exam

**Cisco Implementing Cisco Data Center Virtualization and Automation Exam**

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# Version: 15.0

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**Question: 1**

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By default, which action does a bridge domain take with unknown unicast packets?

- A. It forwards the packets to the next TEP.
- B. It floods the packets.
- C. It forwards the packets to the gateway.
- D. It forwards the packets to the spine priority.

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**Answer: B**

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**Question: 2**

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Which two parameters are part of the Cisco APIC first time setup and must be configured? (Choose two.)

- A. the LLDP adjacency configuration
- B. the out-of-band management configuration
- C. the fabric node vector configuration
- D. the cluster configuration
- E. the APIC LLDP configuration

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**Answer: BD**

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**Question: 3**

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You discover that a VLAN is not enabled on a leaf port even though an EPG is provisioned. Which cause of the issue is most likely true?

- A. A VLAN pool is not defined under the associated physical domain.
- B. Cisco Discovery Protocol is enabled in the interface policy group.
- C. The VLAN is not specified in a contract.
- D. An interface policy must define the VLAN pool.

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**Answer: A**

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**Question: 4**

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Refer to the exhibit.

Deploy Static EPG On PC, VPC, Or Interface

Select PC, VPC, or Interface

Path Type: ☐ Port  
☐ Direct Port Channel  
☒ Virtual Port Channel

Path: topology/pod-1/protpaths-101-102/pathsep- [v]

Encap: vlan-10  
For example, vlan-1

Deployment Immediacy: ☒ Immediate  
☐ On Demand

Mode: ☒ Tagged  
☐ Untagged  
☐ 802.1P Tag

SUBMIT CANCEL

You perform the configuration as shown in the exhibit. Which two additional tasks must you perform to deploy EPG on PC, VPC, or Interface? (Choose two.)

- A. Create a physical domain and a VLAN pool for the physical domain, and associate the physical domain to the EPG WEB.
- B. Add the border leaf node to the Layer 2 outside connection.
- C. Create a Layer 2 outside connection.
- D. Create an Attachable Access Entity Profile.
- E. Extend the VLAN represented by EPG out of the Cisco ACI fabric.

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**Answer: AD**

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### Question: 5

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Which feature allows firewall ACLs to be configured automatically when new endpoints are attached to an EPG?

- A. network-stitching
- B. ARP gleaning
- C. dynamic endpoint attach
- D. hardware proxy

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**Answer: C**

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**Question: 6**

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DRAG DROP

Drag and drop each Cisco ACI policy model component on the left to the correct description on the right.

Application profile	Logical container for application policies that enable an administrator to exercise domain-based access control
Contract	Layer 2 forwarding construct within the fabric
Bridge domain	Logical entity that contains a collection of endpoints
Tenant	Defines the policies, services, and relationships between endpoint groups
EPG	Defines the protocols and ports that are allowed between endpoint groups

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**Answer:**

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Tenant
Bridge domain
EPG
Application profile
Contract

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**Question: 7**

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Which statement about POAP licensing correctly describes temporary licensing?

- A. Temporary licensing is enabled automatically and is valid for 60 days.
- B. Temporary licensing is invoked by using the license grace-period command.
- C. Temporary licensing is enabled automatically and is valid for 30 days.
- D. Temporary licensing is invoked by using the license install command.

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**Answer: B**

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**Question: 8**

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Which two HTTP methods are supported by the Cisco Nexus REST API? (Choose two.)

- A. CONNECT
- B. DELETE
- C. POST
- D. PUT
- E. UPDATE

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**Answer: BC**

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**Question: 9**

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Which action must you take to implement VXLAN in an environment that runs the Cisco Nexus 1000V Essential edition?

- A. Enable the feature by using the feature segmentation command.
- B. Purchase and install a Cisco Nexus 1000V Advanced edition license.
- C. Purchase and install a Cisco Nexus 1000V Enterprise edition license.
- D. Enable the feature by using the feature vxlan-gateway command.

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**Answer: A**

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**Question: 10**

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Which Cisco technology addresses management and performance concerns in a data center by directly mapping virtual machines to virtual ports managed by a physical switch?

- A. VM-FEX
- B. VSD
- C. AVS
- D. SVM

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**Answer: A**

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